

CURRICULUM VITAE

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Education

- Dr. ing, (PhD), Production Engineering, NTNU, 1972
- Sivilingeniør (M.Sc), Mechanical Engineering, NTH, 1968.
- Examen Artium (High School), Trondheim katedralskole, 1963

Positions held

2018 - Professor Emeritus, Department of Mechanical and Industrial Engineering, NTNU
2006 - 2017 Vice Dean for Research, Faculty of Engineering, NTNU
1984 - 2014 Professor in Production and Quality Engineering, NTNU
1977 - 1984 Associate Professor in Production Engineering, NTNU
1974 – 1977 Lecturer in Production Engineering, NTNU
1968 – 1974 Research assistant and scholar, NTNU

Adjunct/visiting positions

2013 - 2013 Visiting Professor, UC Berkeley, USA
1999 - .2003 Adjunct professor in project management, University of Tromsø, Norway
1994 – 1998 Adjunct in professor project management, Narvik College, Norway
1988 - 1989 Visiting professor, University of Washington, USA
1974 - 2011 Scientific advisor, SINTEF Technology and Society

Awards and decorations

- Kings Medal of Merit, 2014
- IFIP Auerbach Award, 2000
- Norwegian Logistics award, 1992
- IFIP Silver Core, 1983

Membership in academic societies

- Honorary member of Norwegian Academy of Technological Sciences
- The Royal Swedish Academy of Engineering Sciences
- The Royal Norwegian Society of Sciences and Letters
- AIM – Academy of Industrial Engineering (until 2022)

Membership professional societies

- Tekna (Norwegian Society of Graduate Technical and Scientific Professionals)
- Project Management Institute (until 2014)
- Honorary member Norwegian Computer Society
- Honorary member of IFIP (International Federation of Information Processing)
- Honorary member Norwegian Centre for Project Management

Courses developed, teaching practice

2011	Project management (introductory e-learning course)
2006 - 2008	Senior Project Management Programme
1999 - 2010	PME – International course on project management
1998 – 2000	Basic course in operations management
1994 – 1996	Master of technology Management
1993 – 1996	Continued education course on productivity and performance management
1988	Basic course in operations research
1983 – 2004	Continued education course in project management
1981 – 2003	Advanced course on project management
1977 – 1998	Basic course in production engineering
1974 – 1986	Advanced course on computer-based production planning and control systems
1974 – 1984	Advanced course on real time application of minicomputers

Supervised 25 PhD students

Research activities

2012 -	Project risk navigation, project decision chain
2010 – 2011	Success Factors in Mega Projects (Research cooperation with UC Berkeley sponsored by Statoil)
2008 – 2011	IMS 2020 (EU Strep)
2008 – 2011	Target (EU IP) (Coordinator)
2007	NORMAN – Norwegian research driven innovation programme
2005 - 2008	PRIME (EU Strep) (coordinator)
2004 - 2008	PROMISE (EU IP) (Coordinator)
2002 - 2004	GEM – Global Education in Manufacturing Strategy (EU) (Coordinator)
2001 - 2005	E-learning applied to project management
2000 - 2002	APM – Automated Performance Measurement (EU) (Coordinator)
1999 - 2006	Norwegian Centre of Project Management
1997 - 1998	Productivity 2005 - A national research program to enhance productivity in Norwegian manufacturing industry
1995 - 1999	ENAPS - European Network for Advanced Productivity Studies (EU) (Coordinator).
1993 - 2000	Project 2000 - project management in Norwegian industry.
1990 - 1996	TOPP - Productivity in manufacturing industries.
1990 - 1994	Comett program on production engineering (EU).

1989 - 1991	Theory for one of a kind production. Enterprise modelling.
1986 - 1987	Governmental study on market conditions for large modules for offshore platforms.
1985 - 1990	Application of new concepts in production planning and control.
1984 - 1985	Governmental study on the competitiveness of Norwegian offshore industry.
1983 - 1987	Basic operations in production planning and control.
1983 - 1985	Development of cost estimating system including statistical methods for contingency planning.
1981 - 1983	Study on application of project control in Norwegian industry.
1979 - 1980	Cost Study - Norwegian Continental Shelf. A governmental study on cost escalation for offshore projects.
1978 - 1979	Prototyping of production planning and control systems.
1977 - 1978	Scheduling of cellular manufacturing systems.
1976 - 1977	Systems design of computer control system of a cellular manufacturing unit.
1975 - 1976	Direct numerical control systems.
1973 - 1976	Numerical control of production lines.
1972 - 1977	Development and implementation of on-line production planning and control systems in a number of Norwegian companies. Various functions such as customer orders, stock control, assembly planning, requirements planning, scheduling and shop floor control were covered.
1972 - 1973	Development of cross assembler for minicomputer.
1971 - 1972	Algorithms for scheduling of line production by means of minicomputers (PhD thesis).
1970 - 1972	Development of CNC systems for machine tools and flame cutters
1968 - 1970	Optimal algorithms for calculation of cutting data for turning operations. Development of computerised operations planning systems.

Scientific journals

2010 - 2018	Member of the Editorial Board of the Journal of Enterprise Transformation
2004 - 2016	Member of Advisory Editorial Board of the Project Management Journal
2003 - 2018	Member of Editorial Board of the International Journal of Project Management
2003 - 2017	Member of Editorial Board of the International Journal of Manufacturing Technology and Management
2000 - 2006	Member of Editorial Advisory Board of the international journal Benchmarking
1998 -	Member of Editorial Board of International Journal of Business Performance Management
1997 - 2000	Member International Board of Advisors and Contributors for Project Management Journal
1989 –	Founding Editor International Journal of Production Planning

- and Control
- 1980 – 1986 Member of the editorial board of Scandinavian Journal of Materials Administration
- 1978 – 1982 Member of the editorial board of BIT
- 1977 – 2018 Member of the editorial board of Computers in Industry

Duties in committees and professional societies

Organizations/companies

- 2020 - 2023 Board member Faculty of Technology, Art and Design, OsloMet
- 2007 - Board member of the Scandinavia-Japan Sasakawa Foundation (Vice Chairman Norway since 2012)
- 1997 - 2006 Member Statoil Corporate Assembly
- 1994 – 1997 Chairman of the board of Rana Invest (Member of the board 1985 - 1997)
- 1994 – 1996 Member of the board of College of Molde
- 1993 – 1999 Member of the board of SINTEF
- 1980 – 1983 Chairman of the board of AS Data (Member of the board 1979 - 1983)

Professional/academic societies

- 2005 - 2009 President Norwegian Academy of Technical Sciences (Vice President 2002 – 2005, board member 2000 – 2002)
- 2003 - 2007 Member PMI MAG on standardisation
- 1999 - 2006 Chairman Norwegian Centre of Project Management
- 1996 – 1998 President Norwegian Computer Society (also 1979 – 1980)
- 1993 – 1995 Member of Society of Chartered Engineers` professional committee
- 1992 – 1995 President IFIP (International Federation for Information Processing) (Past President 1995 – 1996, President Elect 1991 – 1992, Vice President 1988 – 1991)
- 1983 – 1988 Chairman IFIP (International Federation for Information Processing) Technical Committee 5 - Computer Applications in Technology (Member 1977 - 2000)
- 1978 – 1983 Chairman IFIP (International Federation for Information Processing) working group 5.7 - Production Management (Member 1978 -)

Research projects/centres

- 2015 - 2017 Chairman of Board, SFI CASA
- 2010 - 2012 Board member, CEDREN – Center for Environmental Friendly Energy
- 2007 - 2008 Chairman of IMS Working Group on Education

External committees

- 2000 Member of governmental committee for commercialisation of research
- 1995 Member of a governmental committee for structuring the Norwegian University of Science and Technology

- (“Underdalsutvalget”)
- 1991 – 1994 Member of the European Union COMETT committee
 - 1985 – 1989 Member of Norwegian Council of Scientific and Industrial Research, Committee on Mechanical and Industrial Engineering
 - 1980 – 1982 Chairman Nordic Data Processing (Member 1978 - 1982)
 - 1979 – 1980 Secretary of the governmental committee “Cost Study - Norwegian Continental shelf”

Internal committees/offices (NTNU)

- 2014 - 2015 Project manager for development on continuing education strategy at NTNU
- 2004 - 2006 Member management group of NTNU priority area on globalisation
- 1997 - 2002 Chairman of the committee for continued and further education at NTNU (also 1990 – 1992)
- 1997 Chairman of a committee to develop an educational program in project management at NTNU
- 1995 - 2007 Head of Department of Production and Quality Engineering
- 1995 – 1997 Member of the technology research committee NTNU
- 1990 – 1993 Dean, Faculty of Mechanical Engineering, NTNU
- 1990 – 1992 Chairman of the Board, SEVU -Foundation of Continued Education at NTNU
- 1985 – 1988 Member of the board of ULA, NTNU
- 1983 – 1984 Chairman of a committee to develop an educational program in industrial engineering at NTNU
- 1977 Secretary of a committee to evaluate an educational program in data processing at NTNU
- 1973 – 1974 Secretary development committee Mechanical Engineering Department

Evaluation committees

- Evaluation of national University of Ireland, Galway (1998/2002/2012)
- Evaluation of ETH – Department of Management, Technology and Economics (2012)
- Evaluation of Center for Industrial Production, Aalborg (2002)
- Research evaluation for Italian Ministry of education
- Research evaluation for Science Foundation Ireland
- Research evaluation for Enterprise Ireland
- Research evaluation for the European Commission
- Evaluation of professors for tenure (12 committees since 2001)
- External examiner PhD outside Norway (7 since 2000)

Publications

The full publication list comprises 334 titles. The most recent titles are:

1. Rolstadås, Asbjørn; Krokan, Arne; Midtgård, Ole-Morten; Sand, Gunnar; Tunstad, Hege Jørgensen. Natur og teknologi: De vanskelige valgene. Trondheim: Norges Tekniske Vitenskapsakademi 2025 ISBN: 978-82-5330-438-0.

2. Rolstadås, Asbjørn; Syse, Henrik. Vitenskapsakademienes rolle og samfunnsansvar: Er akademiene fortsatt relevante? I: Natur og teknologi: De vanskelige valgene. Trondheim: Norges Tekniske Vitenskapsakademi 2025 ISBN 978-82-5330-438-0. s. 228-243
3. I: Natur og teknologi: De vanskelige valgene. Trondheim: Norges Tekniske Vitenskapsakademi 2025 ISBN 978-82-5330-438-0. s. 228-243
4. Rolstadås, Asbjørn; Brattebø, Helge; Fet, Annik Magerholm; Krokan, Arne; Sand, Gunnar; Syse, Henrik; Waag, Tor Inge; Øien, Geir Egil Dahle. Bærekraft og digitalisering. Trondheim: Norges Tekniske Vitenskapsakademi 2023 (ISBN 9788253304151)
5. Krokan, Arne; Brattebø, Helge; Fet, Annik Magerholm; Rolstadås, Asbjørn; Sand, Gunnar; Syse, Henrik; Waag, Tor Inge; Øien, Geir Egil Dahle. Bærekraft og digital omstilling i perspektiv: Alt henger sammen med alt. I: Bærekraft og digitalisering. Trondheim: Norges Tekniske Vitenskapsakademi 2023 ISBN 9788253304151. s. 8-19
6. Rolstadås, Asbjørn; Johansen, Agnar; Olsson, Nils; Langlo, Jan Alexander. Praktisk prosjektledelse. Fra idé til gevinst. 3. utgave. Fagbokforlaget 2023 (ISBN 978-82-450-4523-9)
7. Rolstadås, Asbjørn; Johansen, Agnar; Olsson, Nils; Langlo, Jan Alexander. Oppgavesamling til praktisk prosjektledelse. 2. utgave. Fagbokforlaget 2023 (ISBN 978-82-450-4606-9)
8. Mummolo, Giovanni; Browne, J; Rolstadås, Asbjørn. Industrial Engineering Education for Industry 4.0. I: Advances in Production Management Systems. Production Management Systems for Responsible Manufacturing, Service, and Logistics Futures IFIP WG 5.7 International Conference, APMS 2023, Trondheim, Norway, September 17–21, 2023, Proceedings, Part II. Springer 2023 ISBN 978-3-031-43666-6. s. 333-346
9. Rolstadås, Asbjørn; Browne, Jim. New Challenges in Manufacturing Engineering Education. I Recent Advances in Mechanical Engineering – Select Proceedings of INCRAMERD 2021, Springer 2022 (ISSN 2195-4356, ISBN 978-981-16-9056-3), s. 45-54.
10. Rolstadås, Asbjørn; Krokan, Arne; Øien, Geir Egil Dahle; Rolfsen, Monica; Sand, Gunnar; Syse, Henrik; Husby, Lisa Marie; Waag, Tor Inge. Den digitale hverdagen. Trondheim: Norges tekniske vitenskapsakademi 2021 (ISBN 9788253304007) 334 s.
11. Krokan, Arne; Øien, Geir Egil Dahle, Rolfsen, Monica; Rolstadås, Asbjørn; Sand, Gunnar; Syse, Henrik; Husby, Lisa Marie; Waag, Tor Inge. Menneske 3.0. I: Den digitale hverdagen. Trondheim: Norges tekniske vitenskapsakademi 2021 ISBN 9788253304007. s. 13-23.

12. Lohne, Jardar; Torp, Olav; Andersen, Bjørn Sørskot; Aslesen, Sigmund; Bygballe, Lena Elisabeth; Bølviken, Trond; Drevland, Frode Olav; Engebø, Atle; Fosse, Roar; Holm, Hans Thomas; Hunn, Lars Kristian; Kalsaas, Bo Terje; Klakegg, Ole Jonny; Knotten, Vegard; Kristensen, Kai Haakon; Olsson, Nils; Rolstadås, Asbjørn; Skaar, John; Svalestuen, Fredrik; Vaagen, Hajnalka; Wondimu, Paulos Abebe; Lædre, Ola.
The emergence of lean construction in the Norwegian AEC industry. Construction Management and Economics 2021.
13. Fernandes, Gabriela; Dooley, Lawrence; O'Sullivan, David; Rolstadås, Asbjørn. Managing Collaborative R&D Projects. I: Managing Collaborative R&D Projects - Leveraging Open Innovation Knowledge-Flows for Co-Creation. Springer Nature 2021 ISBN 978-3-030-61604-5. s. 1-15
14. Rolstadås, Asbjørn; Fernandes, Gabriela; Dooley, Lawrence; O'Sullivan, David. Managing Collaborative R&D Projects - Leveraging Open Innovation Knowledge-Flows for Co-Creation. Springer Nature 2021 (ISBN 978-3-030-61604-5)
15. Rolstadås, Asbjørn; Johansen, Agnar.
The Dawn of a New Era for Project Management. Sustainability 2021, Volum 13.(2)
4. Rolstadås, Asbjørn; Johansen, Agnar; Olsson, Nils; Langlo, Jan Alexander.
Oppgavesamling til praktisk prosjektledelse. Fagbokforlaget 2021 (ISBN 978-82-450-3520-9)
5. Rolstadås, Asbjørn; Johansen, Agnar; Bjerke, Yvonne C.; Malvik, Tobias O.
Managing Risk and Opportunities in Complex Projects. In: Advances in Production Management Systems - Production Management for the Factory of the Future. Springer Nature 2019 ISBN 978-3-030-29999-6. pp. 631-639.
6. Johansen, Agnar; Olsson, Nils; Jergeas, George; Rolstadås, Asbjørn.
Project Risk and Opportunity Management - An Owner's Perspective. Routledge, 2019
7. Rolstadås, Asbjørn; Krokan, Arne; Schiefloe, Per Morten; Sand, Gunnar; Dyrhaug, Lars Thomas.
Det Nye Digitale Norge. : John Grieg Forlag, 2019
8. Krokan, Arne; Schiefloe, Per Morten; Rolstadås, Asbjørn; Sand, Gunnar; Dyrhaug, Lars Thomas.
Fremtiden er digital: Det nye digitale Norge. In: Det Nye Digitale Norge. : John Grieg Forlag, 2019
9. Johansen, Agnar; Rolstadås, Asbjørn.
Decision Process in One-of-a-kind Production. Production planning & control 2017; Volum 28 (10) pp. 802-812

10. Rolstadås, Asbjørn; Schiefloe, Per Morten.
Modelling project complexity. *International Journal of Managing Projects in Business* 2017; Volum 10 (2) pp. 295-314.
11. Aarseth, Wenche; Rolstadås, Asbjørn; Klev, Roger:
Project Leadership Challenges - Their nature and how they are managed.
Fagbokforlaget, 2016
12. Johansen, Agnar; Eik-Andresen, Petter; Landmark, Andreas D.; Ekambaram, Anandasivakumar; Rolstadås, Asbjørn.
Value of Uncertainty: The Lost Opportunities in Large Projects. *Administrative Sciences* 2016; Volum 6 (3)
13. Aarseth, Wenche; Rolstadås, Asbjørn; Klev, Roger:
Lederskap i prosjekter. Fagbokforlaget, 2015
14. Johansen, Agnar; Andersen, Bjørn Sørskot; Eik-Andresen, Petter; Landmark, Andreas D.; Rolstadås, Asbjørn; Ekambaram, Anandasivakumar:
Value of uncertainty – The lost opportunities. 31st EGOS Colloquium; 2015-07-02 - 2015-07-04
15. Rolstadås, Asbjørn; Pinto, Jeffrey K.; Falster, Peter; Venkataraman, Ray:
Project Decision Chain. *Project Management Journal* 2015; Volum 46 (4) pp. 6-19
16. Zidane, Youcef J-T; Rolstadås, Asbjørn; Johansen, Agnar; Ekambaram, Anandasivakumar; Sriram, Pavan:
“The Fast and the Fantastic” Time-Cost Trade-Offs in New Product Development vs. Construction Projects. I: *Advances in production management systems: innovative production management towards sustainable growth: IFIP WG 5.7 International Conference, APMS 2015 Tokyo, Japan, September 7–9, 2015, Proceedings, Part I*. Springer 2015. pp. 589-597
17. Aarseth, Wenche; Rolstadås, Asbjørn; Andersen, Bjørn
Managing organizational challenges in global projects. *International Journal of Managing Projects in Business* 2014, Volume 7(1) pp. 103-132
18. Rolstadås, Asbjørn:
Risk Navigation in One-of-a-kind Production. *Advanced Materials Research* 2014, Volume 1039. pp. 627-636
19. Rolstadås, Asbjørn; Olsson, Nils; Johansen, Agnar; Langlo, Jan Alexander:
Praktisk prosjektledelse - Fra ide til gevinst. Fagbokforlaget, 2014
20. Rolstadås, Asbjørn; Pinto, Jeffrey K.; Falster, Peter; Venkataraman, Ray:
Decision Making in Project Management. Fagbokforlaget, 2014. NTNU Engineering Series (4).

21. Rolstadås, Asbjørn; Tommelein, Iris D.; Schiefloe, Per Morten; Ballard, Glenn: Understanding project success through analysis of project management approach. *International Journal of Managing Projects in Business* 2014, Volume 7(4), pp 638-660
22. Hald, Linda Cathrine; Rolstadås, Asbjørn: Project Management of Collaborative Research - the Stakeholder Challenge. In *Project Management. Practices, Challenges and Developments*. Nova Science Publishers, Inc. pp. 33-59
23. Rolstadås, Asbjørn: Experience from continuing education using e-learning. *Journal of Intelligent Manufacturing* 2013, Volume 24(3) pp. 511-516
24. Rolstadås, A; Paci, A M: Editorial: Special issue on engineering education. *Journal of Intelligent Manufacturing* 2013, Volume 24(3) pp. 421-422
25. Krane, Hans Petter; Rolstadås, Asbjørn; Olsson, Nils. A Case Study of How Stakeholder Management Influenced Project Uncertainty Regarding Project Benefits. *International Journal of Information Technology Project Management* 2012; Volum 3 (2) pp. 21-37
26. Rolstadås, Asbjørn; Henriksen, Bjørnar; Myklebust, Odd. Outsourcing and Sustainability - Mastering Energy Consumption. I: *Proceedings of IWAMA 2012 - The Second International Workshop of Advanced Manufacturing and Automation*. Tapir Akademisk Forlag, pp. 291-298
27. Rolstadås, Asbjørn; Henriksen, Bjørnar; O'Sullivan, David. *Manufacturing Outsourcing - A Knowledge Perspective*. Springer 2012
28. Rolstadås, Asbjørn; Moseng, Bjørn. A Research Roadmap for Learning an Innovation in Manufacturing. I: *Proceedings of IWAMA 2012 - The Second International Workshop of Advanced Manufacturing and Automation*. Tapir Akademisk Forlag, 2012, pp. 1-8